

INVENTOR: Rocco DiFoggio
TITLE: Method and Apparatus For An Acoustic Pulse...
ATTORNEY: G. Michael Roebuck TELEPHONE NO.: 713-266-1130
EXPRESS NO.: EV369817945US DOCKET NO.: 584-30656-US
SHEET 1 OF 9

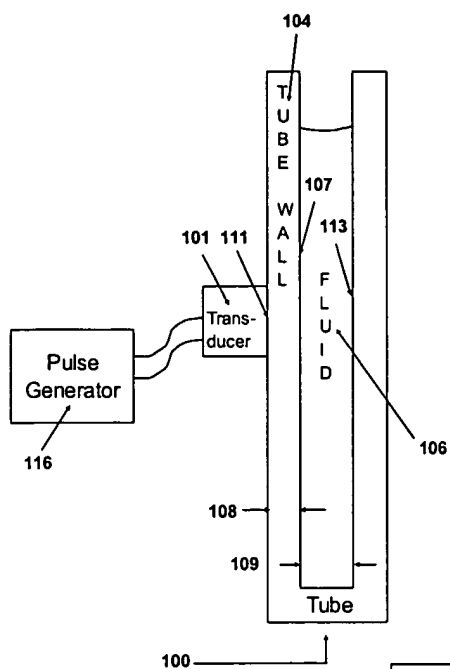


Figure 1

Acoustic Pulse Echoes for Air

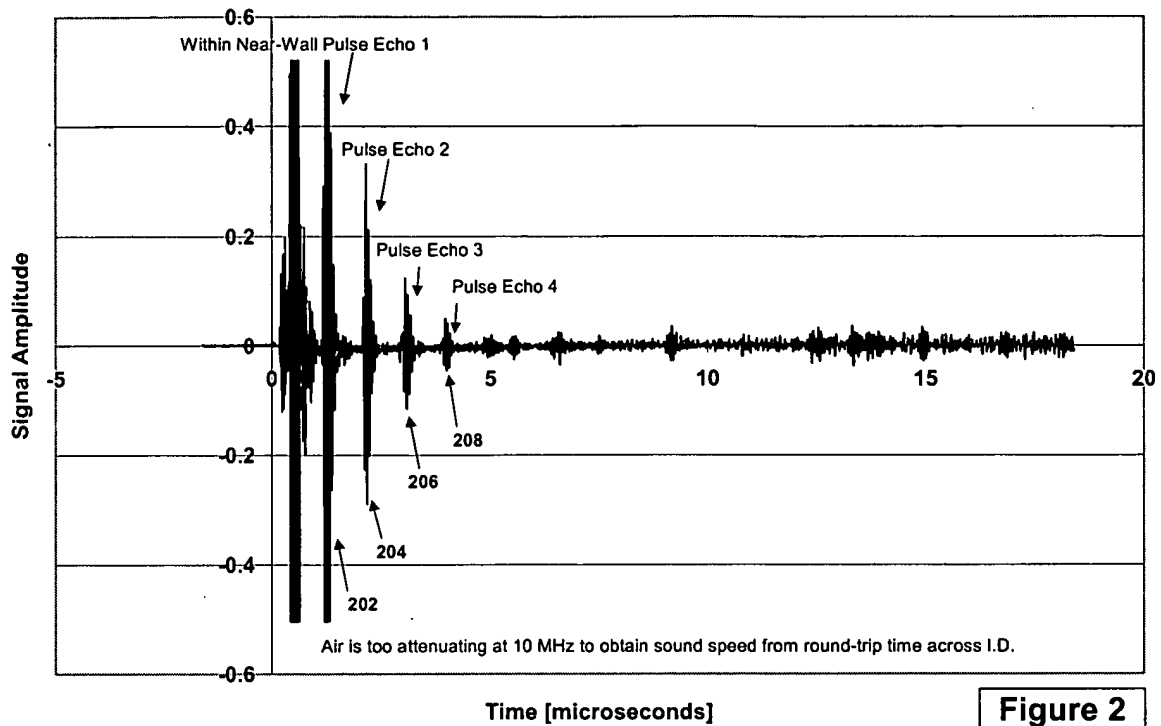
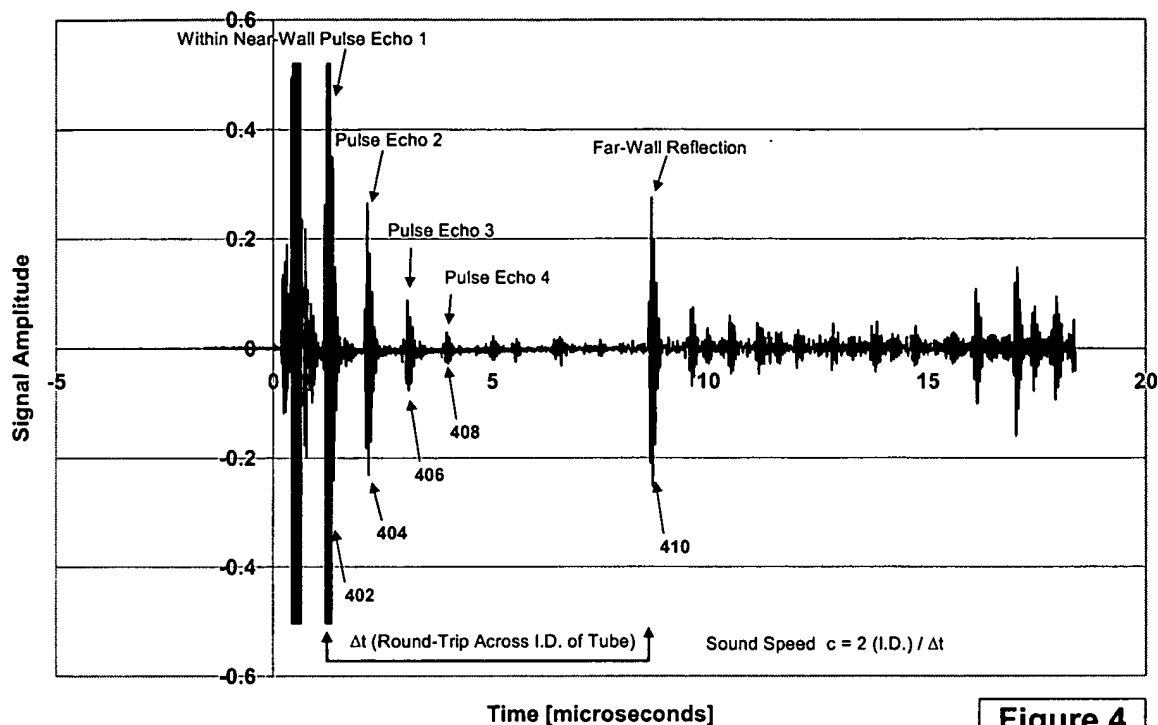


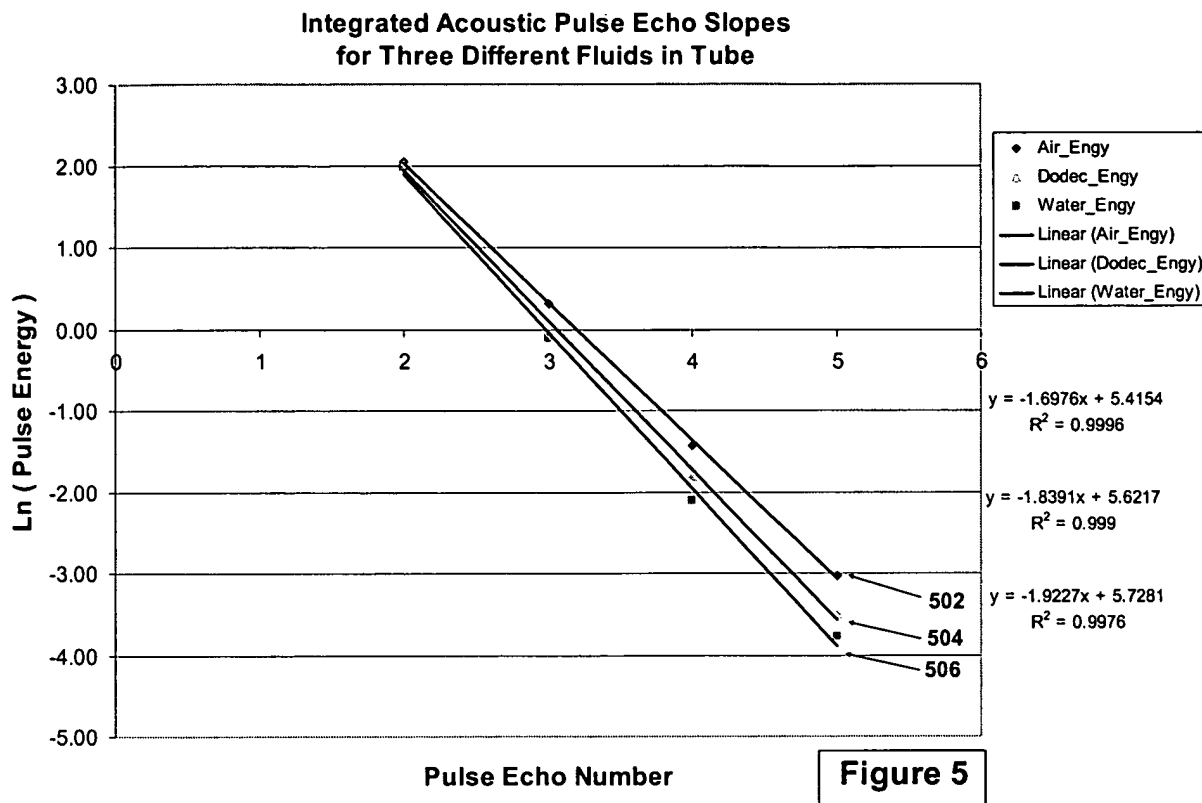
Figure 2

Acoustic Pulse Echoes and Sound Speed for Dodecane

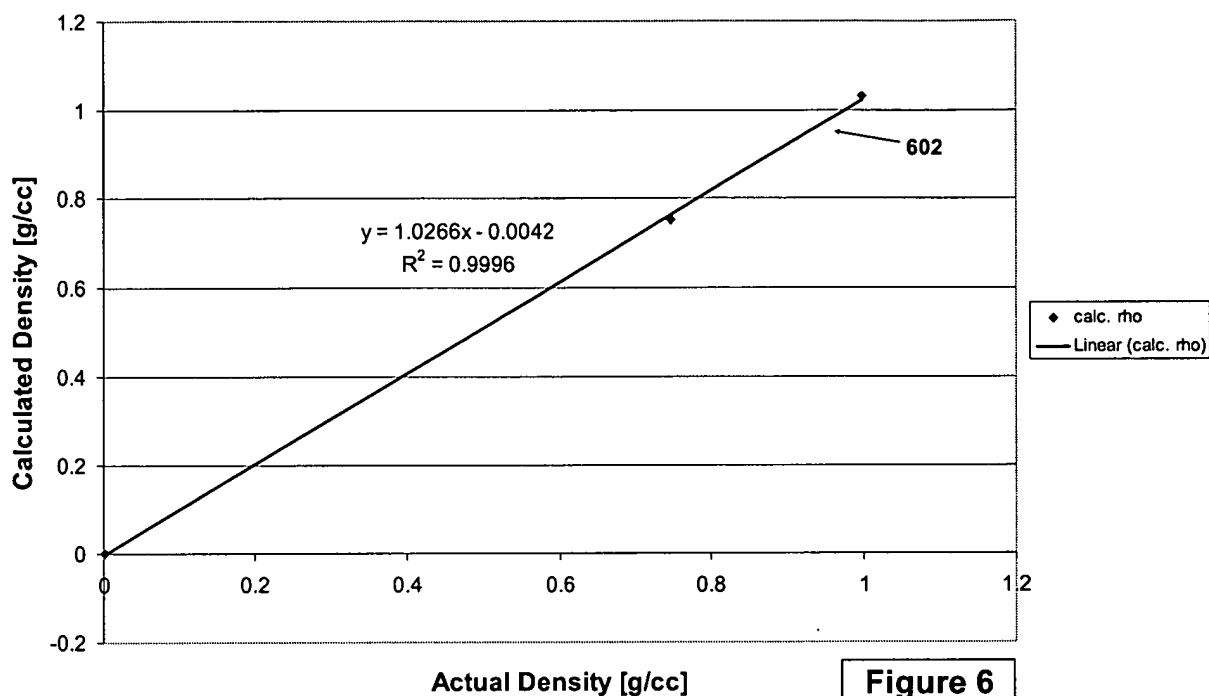


Acoustic Pulse Echoes and Sound Speed for Water





**Comparison of Calculated to Actual Rho when Assume
that Slope of Air-Filled Tube Represents 100% Reflection**



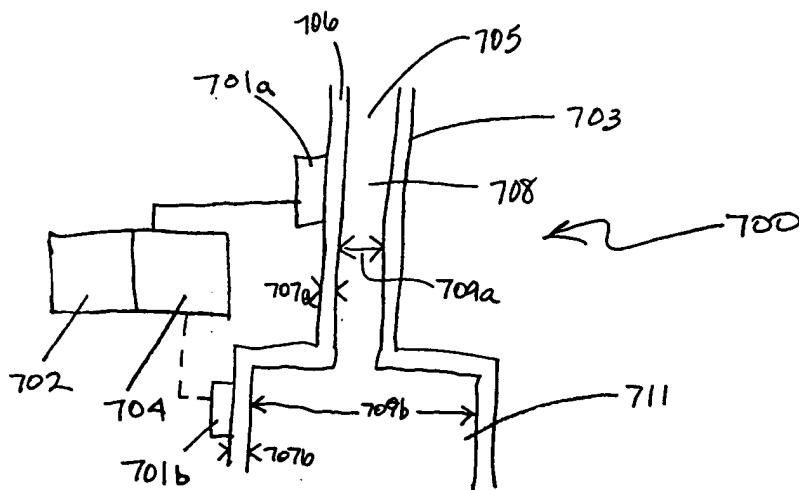


FIG. 7

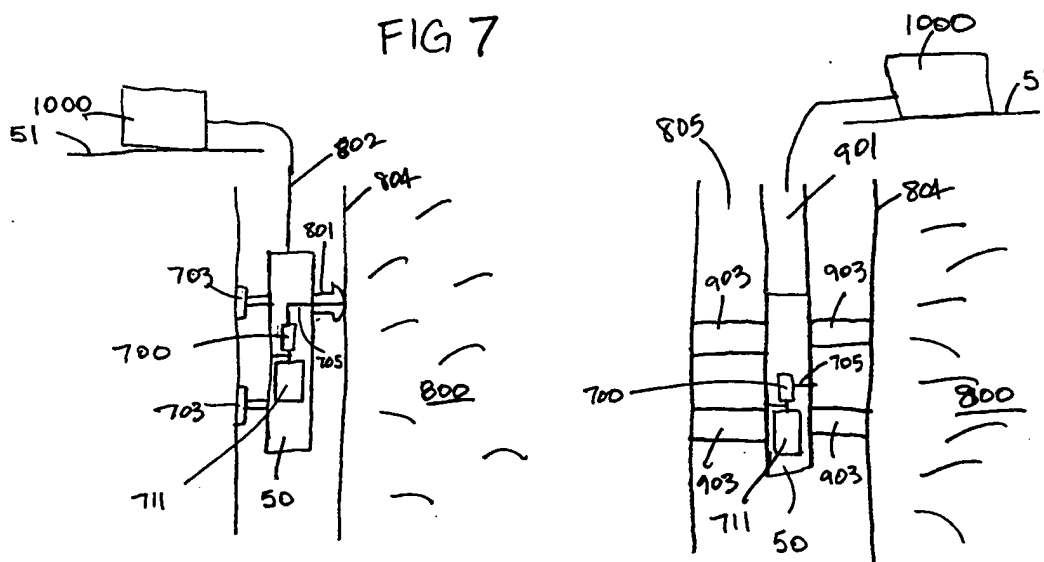


FIG. 8

FIG. 9

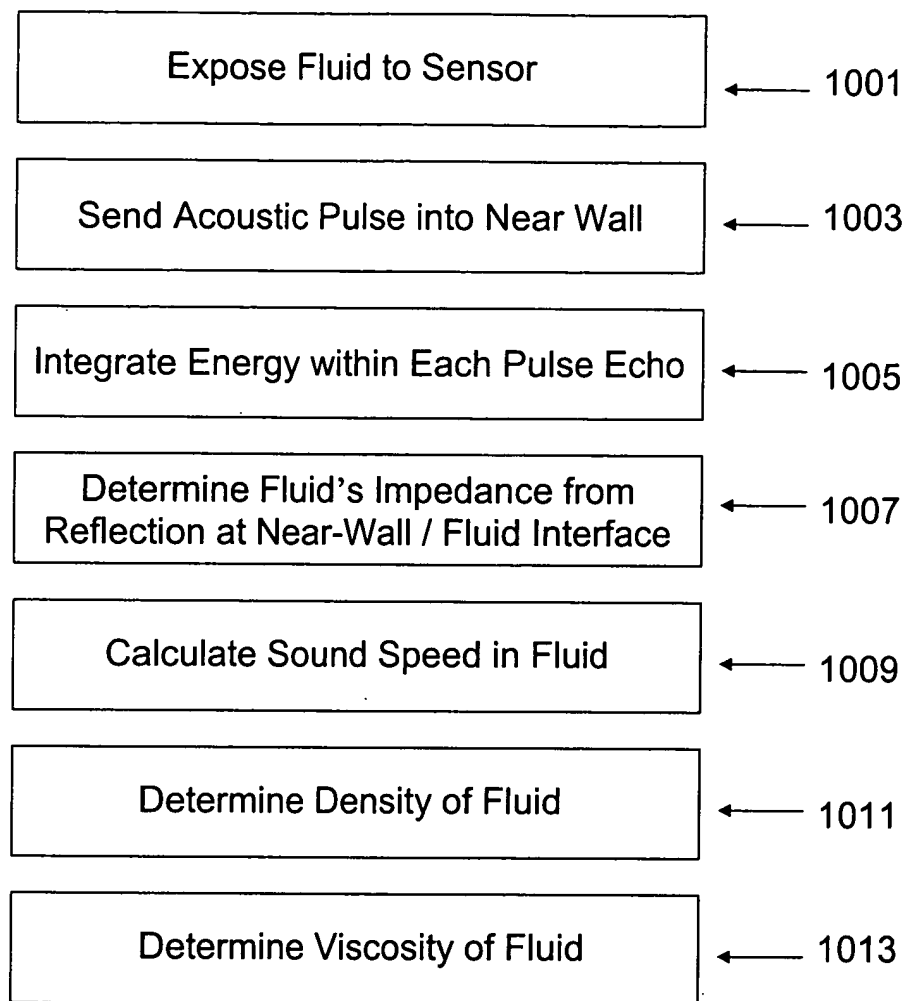


Figure 10

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**Non-Integrated Acoustic Pulse Echo Slopes
for Three Different Fluids in Tube**

